

## SEQUENCE LISTING

<110> Takeda Chemical Industries, Ltd.

<120> Screening Method

<130> 2601WOOP

<150> JP 10-374454

<151> 1998-12-28

<150> JP 11-122688

<151> 1999-04-28

<150> JP 11-249300

<151> 1999-09-02

<160> 24

<210> 1

<211> 16

<212> PRT

<213> Rat

*Sub  
a'* <223> The 7th cystein residue binds with the 16th cystein residue to form  
a intra-molecular disulfide-bond.

<400> 1

Asp Phe Asp Met Leu Arg Cys Met Leu Gly Arg Val Tyr Arg Pro Cys

1

5

10

15

<210> 2

<211> 19

<212> PRT

<213> Rat

<223> The 7th cystein residue binds with the 16th cystein residue to form  
a intra-molecular disulfide-bond.

<400> 2

2/15

Asp Phe Asp Met Leu Arg Cys Met Leu Gly Arg Val Tyr Arg Pro Cys

1 5 10 15

Trp Gln Val

19

<210> 3

<211> 32

<212> DNA

<213> Artificial Sequence

<220>

<223>

<400> 3

GTCGACATGG ATCTGCAAAC CTCGTTGCTG TG 32

<210> 4

<211> 32

<212> DNA

<213> Artificial Sequence

<220>

<223>

<400> 4

ACTAGTTCAG GTGCCTTTGC TTTCTGTCCT CT 32

<210> 5

<211> 353

<212> PRT

<213> Rat

<400> 5

Met Asp Leu Gln Thr Ser Leu Leu Ser Thr Gly Pro Asn Ala Ser Asn

1 5 10 15

*See  
at  
end*

3/15

Ile Ser Asp Gly Gln Asp Asn Leu Thr Leu Pro Gly Ser Pro Pro Arg  
 20 25 30  
 Thr Gly Ser Val Ser Tyr Ile Asn Ile Ile Met Pro Ser Val Phe Gly  
 35 40 45  
 Thr Ile Cys Leu Leu Gly Ile Val Gly Asn Ser Thr Val Ile Phe Ala  
 50 55 60  
 Val Val Lys Lys Ser Lys Leu His Trp Cys Ser Asn Val Pro Asp Ile  
 65 70 75 80  
 Phe Ile Ile Asn Leu Ser Val Val Asp Leu Leu Phe Leu Leu Gly Met  
 85 90 95  
 Pro Phe Met Ile His Gln Leu Met Gly Asn Gly Val Trp His Phe Gly  
 100 105 110  
 Glu Thr Met Cys Thr Leu Ile Thr Ala Met Asp Ala Asn Ser Gln Phe  
 115 120 125  
 Thr Ser Thr Tyr Ile Leu Thr Ala Met Thr Ile Asp Arg Tyr Leu Ala  
 130 135 140  
 Thr Val His Pro Ile Ser Ser Thr Lys Phe Arg Lys Pro Ser Met Ala  
 145 150 155 160  
 Thr Leu Val Ile Cys Leu Leu Trp Ala Leu Ser Phe Ile Ser Ile Thr  
 165 170 175  
 Pro Val Trp Leu Tyr Ala Arg Leu Ile Pro Phe Pro Gly Gly Ala Val  
 180 185 190  
 Gly Cys Gly Ile Arg Leu Pro Asn Pro Asp Thr Asp Leu Tyr Trp Phe  
 195 200 205  
 Thr Leu Tyr Gln Phe Phe Leu Ala Phe Ala Leu Pro Phe Val Val Ile  
 210 215 220  
 Thr Ala Ala Tyr Val Lys Ile Leu Gln Arg Met Thr Ser Ser Val Ala

Sub  
 at  
 cont

4/15

225                      230                      235                      240  
 Pro Ala Ser Gln Arg Ser Ile Arg Leu Arg Thr Lys Arg Val Thr Arg  
                          245                      250                      255  
 Thr Ala Ile Ala Ile Cys Leu Val Phe Phe Val Cys Trp Ala Pro Tyr  
                          260                      265                      270  
 Tyr Val Leu Gln Leu Thr Gln Leu Ser Ile Ser Arg Pro Thr Leu Thr  
                          275                      280                      285  
 Phe Val Tyr Leu Tyr Asn Ala Ala Ile Ser Leu Gly Tyr Ala Asn Ser  
                          290                      295                      300  
 Cys Leu Asn Pro Phe Val Tyr Ile Val Leu Cys Glu Thr Phe Arg Lys  
 305                      310                      315                      320  
 Arg Leu Val Leu Ser Val Lys Pro Ala Ala Gln Gly Gln Leu Arg Thr  
                          325                      330                      335  
 Val Ser Asn Ala Gln Thr Ala Asp Glu Glu Arg Thr Glu Ser Lys Gly  
                          340                      345                      350

Thr

&lt;210&gt; 6

&lt;211&gt; 1074

&lt;212&gt; DNA

&lt;213&gt; Rat

&lt;400&gt; 6

GTCGACATGG ATCTGCAAAC CTCGTTGCTG TCCACTGGCC CCAATGCCAG CAACATCTCC 60  
 GATGGCCAGG ATAATCTCAC ATTGCCGGGG TCACCTCCTC GCACAGGGAG TGTCTCCTAC 120  
 ATCAACATCA TTATGCCTTC CGTGTTTGGT ACCATCTGTC TCCTGGGCAT CGTGGGAAAC 180  
 TCCACGGTCA TCTTTGCTGT GGTGAAGAAG TCCAAGCTAC ACTGGTGCAG CAACGTCCCC 240  
 GACATCTTCA TCATCAACCT CTCTGTGGTG GATCTGCTCT TCCTGCTGGG CATGCCTTTC 300  
 ATGATCCACC AGCTCATGGG GAACGGCGTC TGGCACTTTC GGGAAACCAT GTGCACCCTC 360

Sub  
 a1  
 cont

ATCACAGCCA TGGACGCCAA CAGTCAGTTC ACTAGCACCT ACATCCTGAC TGCCATGACC 420  
 ATTGACCGCT ACTTGGCCAC CGTCCACCCC ATCTCCTCCA CCAAGTCCG GAAGCCCTCC 480  
 ATGGCCACCC TGGTGATCTG CCTCCTGTGG GCGCTCTCCT TCATCAGTAT CACCCCTGTG 540  
 TGGCTCTACG CCAGGCTCAT TCCCTTCCCA GGGGGTGCTG TGGGCTGTGG CATCCGCCTG 600  
 CCAAACCCGG ACACTGACCT CTACTGGTTC ACTCTGTACC AGTTTTTCCT GGCCTTTGCC 660  
 CTTCCGTTTG TGGTCATTAC CGCCGCATAC GTGAAAATAC TACAGCGCAT GACGTCTTCG 720  
 GTGGCCCCAG CCTCCCAACG CAGCATCCGG CTTCCGACAA AGAGGGTGAC CCGCACGGCC 780  
 ATTGCCATCT GTCTGGTCTT CTTTGTGTGC TGGGCACCCT ACTATGTGCT GCAGCTGACC 840  
 CAGCTGTCCA TCAGCCGCCG GACCCTCAGG TTTGTCTACT TGTACAACGC GGCCATCAGC 900  
 TTGGGCTATG CTAACAGCTG CCTGAACCCC TTTGTGTACA TAGTGCTCTG TGAGACCTTT 960  
 CGAAAACGCT TGGTGTTGTC AGTGAAGCCT GCAGCCCAGG GGCAGCTCCG CACGGTCAGC 1020  
 AACGCTCAGA CAGCTGATGA GGAGAGGACA GAAAGCAAAG GCACCTGAAC TAGT 1074

<210> 7

<211> 326

<212> RNA

<213> Rat

<400> 7

GCGAAUUGGG UACCGGGCCC CCCUCGAGG UCGACGGUUA CGAUAAGCUU GAUAUCGAU 60  
 UCCUGCAGCC CGGGGGAUCC GCCCACUAGU UCAAGUGCCU UUGC UUUCUG UCCUCUCCUC 120  
 AUCAGCUGUC UGAGCGUUGC UGACCGUGCG GAGCUCCCC UGGGCUGCAG GCUUCACUGA 180  
 CAACACCAAG CGUUUUCGAA AGGUCUCACA GAGCACUAUG UACACAAAGG GGUUCAGGCA 240  
 GCUGUUAGCA UAGCCCAAGC UG 262

<210> 8

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

Sub  
 a1  
 cont

6/15

&lt;223&gt;

&lt;400&gt; 8

CAACAGCTGC CTCAACCC 18

&lt;210&gt; 9

&lt;211&gt; 18

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt;

&lt;400&gt; 9

CCTGGTGATC TGCCTCCT 18

&lt;210&gt; 10

&lt;211&gt; 1275

&lt;212&gt; DNA

&lt;213&gt; Human

&lt;400&gt; 10

TAGGTGATGT CAGTGGGAGC CATGAAGAAG GGAGTGGGGA GGGCAGTTGG GCTTGGAGGC 60

GGCAGCGGCT GCCAGGCTAC GGAGGAAGAC CCCCTTCCCA ACTGCGGGGC TTGCGCTCCG 120

GGACAAGGTG GCAGGCGCTG GAGGCTGCCG CAGCCTGCGT GGGTGGAGGG GAGCTCAGCT 180

CGGTTGTGGG AGCAGGCGAC CGGCACTGGC TGGATGGAAC TGGAAGCCTC GCTGCTGCCC 240

ACTGGTCCCA ACGCCAGCAA CACCTCTGAT GGCCCCGATA ACCTCACTTC GGCAGGATCA 300

CCTCCTCGCA CGGGGAGCAT CTCCTACATC AACATCATCA TGCCTTCGGT GTTCGGCACC 360

ATCTGCCTCC TGGGCATCAT CGGGAAGTCC ACGGTCATCT TCGCGTCGT GAAGAAGTCC 420

AAGCTGCACT GGTGCAACAA CGTCCCCGAC ATCTTCATCA TCAACCTCTC GGTAGTAGAT 480

CTCCTCTTTC TCCTGGGCAT GCCCTTCATG ATCCACCAGC TCATGGGCAA TGGGGTGTGG 540

CACTTTGGGG AGACCATGTG CACCCTCATC ACGGCCATGG ATGCCAATAG TCAGTTCACC 600

AGCACCTACA TCCTGACCGC CATGGCCATT GACCGCTACC TGGCCACTGT CCACCCCATC 660

*Sub  
a1  
cont*

7/15

TCTTCCACGA AGTTCGGAA GCCCTCTGTG GCCACCCTGG TGATCTGCCT CCTGTGGGCC 720  
 CTCTCCTTCA TCAGCATCAC CCCTGTGTGG CTGTATGCCA GACTCATCCC CTTCCAGGA 780  
 GGTGCAGTGG GCTGCGGCAT ACGCCTGCCC AACCCAGACA CTGACCTCTA CTGGTTCACC 840  
 CTGTACCAGT TTTTCCTGGC CTTTGCCCTG CCTTTTGTGG TCATCACAGC CGCATACGTG 900  
 AGGATCCTGC AGCGCATGAC GTCCTCAGTG GCCCCGCGCT CCCAGCGCAG CATCCGGCTG 960  
 CGGACAAAGA GGGTGACCCG CACAGCCATC GCCATCTGTC TGGTCTTCTT TGTGTGCTGG 1020  
 GCACCCTACT ATGTGCTACA GCTGACCCAG TTGTCCATCA GCCGCCCGAC CCTCACCTTT 1080  
 GTCTACTTAT ACAATGCGGC CATCAGCTTG GGCTATGCCA ACAGCTGCCT CAACCCCTTT 1140  
 GTGTACATCG TGCTCTGTGA GACGTTCCGC AAACGCTTGG TCCTGTGGT GAAGCCTGCA 1200  
 GCCCAGGGGC AGCTTCGCGC TGTCAGCAAC GCTCAGACGG CTGACGAGGA GAGGACAGAA 1260  
 AGCAAAGGCA CCTGA 1275

&lt;210&gt; 11

&lt;211&gt; 422

&lt;212&gt; PRT

&lt;213&gt; Human

&lt;400&gt; 11

MeT Ser Val Gly Ala MeT Lys Lys Gly Val Gly Arg Ala Val Gly Leu  
 1 5 10 15

Gly Gly Gly Ser Gly Cys Gln Ala Thr Glu Glu Asp Pro Leu Pro Asn  
 20 25 30

Cys Gly Ala Cys Ala Pro Gly Gln Gly Gly Arg Arg Trp Arg Leu Pro  
 35 40 45

Gln Pro Ala Trp Val Glu Gly Ser Ser Ala Arg Leu Trp Glu Gln Ala  
 50 55 60

Thr Gly Thr Gly Trp MeT Asp Leu Glu Ala Ser Leu Leu Pro Thr Gly  
 65 70 75 80

Pro Asn Ala Ser Asn Thr Ser Asp Gly Pro Asp Asn Leu Thr Ser Ala

Sub  
 at  
 cont

8/15

85 90 95  
 Gly Ser Pro Pro Arg Thr Gly Ser Ile Ser Tyr Ile Asn Ile Ile MeT  
 100 105 110  
 Pro Ser Val Phe Gly Thr Ile Cys Leu Leu Gly Ile Ile Gly Asn Ser  
 115 120 125  
 Thr Val Ile Phe Ala Val Val Lys Lys Ser Lys Leu His Trp Cys Asn  
 130 135 140  
 Asn Val Pro Asp Ile Phe Ile Ile Asn Leu Ser Val Val Asp Leu Leu  
 145 150 155 160  
 Phe Leu Leu Gly MeT Pro Phe MeT Ile His Gln Leu MeT Gly Asn Gly  
 165 170 175  
 Val Trp His Phe Gly Glu Thr MeT Cys Thr Leu Ile Thr Ala MeT Asp  
 180 185 190  
 Ala Asn Ser Gln Phe Thr Ser Thr Tyr Ile Leu Thr Ala MeT Ala Ile  
 195 200 205  
 Asp Arg Tyr Leu Ala Thr Val His Pro Ile Ser Ser Thr Lys Phe Arg  
 210 215 220  
 Lys Pro Ser Val Ala Thr Leu Val Ile Cys Leu Leu Trp Ala Leu Ser  
 225 230 235 240  
 Phe Ile Ser Ile Thr Pro Val Trp Leu Tyr Ala Arg Leu Ile Pro Phe  
 245 250 255  
 Pro Gly Gly Ala Val Gly Cys Gly Ile Arg Leu Pro Asn Pro Asp Thr  
 260 265 270  
 Asp Leu Tyr Trp Phe Thr Leu Tyr Gln Phe Phe Leu Ala Phe Ala Leu  
 275 280 285  
 Pro Phe Val Val Ile Thr Ala Ala Tyr Val Arg Ile Leu Gln Arg MeT  
 290 295 300

See  
 at  
 cont



9/15

Thr Ser Ser Val Ala Pro Ala Ser Gln Arg Ser Ile Arg Leu Arg Thr  
 305 310 315 320  
 Lys Arg Val Thr Arg Thr Ala Ile Ala Ile Cys Leu Val Phe Phe Val  
 325 330 335  
 Cys Trp Ala Pro Tyr Tyr Val Leu Gln Leu Thr Gln Leu Ser Ile Ser  
 340 345 350  
 Arg Pro Thr Leu Thr Phe Val Tyr Leu Tyr Asn Ala Ala Ile Ser Leu  
 355 360 365  
 Gly Tyr Ala Asn Ser Cys Leu Asn Pro Phe Val Tyr Ile Val Leu Cys  
 370 375 380  
 Glu Thr Phe Arg Lys Arg Leu Val Leu Ser Val Lys Pro Ala Ala Gln  
 385 390 395 400  
 Gly Gln Leu Arg Ala Val Ser Asn Ala Gln Thr Ala Asp Glu Glu Arg  
 405 410 415  
 Thr Glu Ser Lys Gly Thr  
 420

&lt;210&gt; 12

&lt;211&gt; 31

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt;

&lt;400&gt; 12

GTCGACATGG ACCTGGAAGC CTCGCTGCTG C 31

&lt;210&gt; 13

&lt;211&gt; 31

&lt;212&gt; DNA

See  
 a1  
 cont

10/15

<213> Artificial Sequence

<220>

<223>

<400> 13

ACTAGTTCAG GTGCCTTTGC TTTCTGTCCT C 31

<210> 14

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223>

<400> 14

AGTCGACATG TCAGTGGGAG CCATGAAGAA GGG 33

<210> 15

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223>

<400> 15

AACTAGTTCA GGTGCCTTTG CTTTCTGTCC TCT 33

<210> 16

<211> 1074

<212> DNA

<213> Human

<400> 16

GTCGACATGG ACCTGGAAGC CTCGCTGCTG CCGACTGGTC CCAACGCCAG CAACACCTCT 60

See  
at  
cont

11/15

GATGGCCCCG ATAACCTCAC TTCGGCAGGA TCACCTCCTC GCACGGGGAG CATCTCCTAC 120  
 ATCAACATCA TCATGCCTTC GGTGTTCCGGC ACCATCTGCC TCCTGGGCAT CATCGGGAAC 180  
 TCCACGGTCA TCTTCGCGGT CGTGAAGAAG TCCAAGCTGC ACTGGTGCAA CAACGTCCCC 240  
 GACATCTTCA TCATCAACCT CTCGGTAGTA GATCTCCTCT TTCTCCTGGG CATGCCCTTC 300  
 ATGATCCACC AGCTCATGGG CAATGGGGTG TGGCACTTTG GGGAGACCAT GTGCACCCTC 360  
 ATCACGGCCA TGGATGCCAA TAGTCAGTTC ACCAGCACCT ACATCCTGAC CGCCATGGCC 420  
 ATTGACCGCT ACCTGCCAC TGTCCACCCC ATCTCTTCCA CGAAGTTCCG GAAGCCCTCT 480  
 GTGGCCACCC TGGTGATCTG CCTCCTGTGG GCCCTCTCCT TCATCAGCAT CACCCCTGTG 540  
 TGGCTGTATG CCAGACTCAT CCCCTTCCCA GGAGGTGCAG TGGGCTGCGG CATACGCCTG 600  
 CCCAACCCAG AACTGACCT CTACTGGTTC ACCCTGTACC AGTTTTTCCT GGCCTTTGCC 660  
 CTGCCTTTTG TGGTCATCAC AGCCGCATAC GTGAGGATCC TGCAGCGCAT GACGTCCTCA 720  
 GTGGCCCCCG CCTCCCAGCG CAGCATCCGG CTGCGGACAA AGAGGGTGAC CCGCACAGCC 780  
 ATCGCCATCT GTCTGGTCTT CTTTGTGTGC TGGGCACCCT ACTATGTGCT ACAGCTGACC 840  
 CAGTTGTCCA TCAGCCGCCC GACCCTCACC TTTGTCTACT TATACAATGC GGCCATCAGC 900  
 TTGGGCTATG CCAACAGCTG CCTCAACCOC TTTGTGTACA TCGTGCTCTG TGAGACGTTT 960  
 CGCAAACGCT TGGTCCTGTC GGTGAAGCCT GCAGCCCAGG GGCAGCTTCG CGCTGTCAGC 1020  
 AACGCTCAGA CGGCTGACGA GGAGAGGACA GAAAGCAAAG GCACCTGAAC TAGT 1074

&lt;210&gt; 17

&lt;211&gt; 1283

&lt;212&gt; DNA

&lt;213&gt; Human

&lt;400&gt; 17

AGTCGACATG TCAGTGGGAG CCATGAAGAA GGGAGTGGGG AGGGCAGTTG GGCTTGGAGG 60  
 CGGCAGCGGC TGCCAGGCTA CGGAGGAAGA CCCCTTCCC AACTGCGGGG CTTGCGCTCC 120  
 GGGACAAGGT GGCAGGCGCT GGAGGCTGCC GCAGCCTGCG TGGGTGGAGG GGAGCTCAGC 180  
 TCGGTTGTGG GAGCAGGCGA CCGGCACTGG CTGGATGGAC CTGGAAGCCT CGCTGCTGCC 240  
 CACTGGTCCC AACGCCAGCA ACACCTCTGA TGGCCCCGAT AACCTCACTT CGGCAGGATC 300

See  
 at  
 cont

ACCTCCTCGC ACGGGGAGCA TCTCCTACAT CAACATCATC ATGCCTTCGG TGTTCGGCAC 360  
 CATCTGCCCTC CTGGGCATCA TCGGGAATC CACGGTCATC TTCGCGGTCG TGAAGAAGTC 420  
 CAAGCTGCAO TGGTGCAACA ACGTCCCCGA CATCTTCATC ATCAACCTCT CGGTAGTAGA 480  
 TCTCCTCTTT CTCCTGGGCA TGCCCTTCAT GATCCACCAG CTCATGGGCA ATGGGGTGTG 540  
 GCACTTTGGG GAGACCATGT GCACCCTCAT CACGGCCATG GATGCCAATA GTCAGTTCAC 600  
 CAGCACCTAC ATCTGACCG CCATGGCCAT TGACCGCTAC CTGGCCACTG TCCACCCCAT 660  
 CTCTTCCACG AAGTTCCGGA AGCCCTCTGT GGCCACCCTG GTGATCTGCC TCCTGTGGGC 720  
 CCTCTCCTTC ATCAGCATCA CCCCTGTGTG GCTGTATGCC AGACTCATCC CCTTCCCAGG 780  
 AGGTGCAGTG GGCTGCGCA TACGCCTGCC CAACCCAGAC ACTGACCTCT ACTGGTTCAC 840  
 CCTGTACCAG TTTTTCCTGG CCTTTGCCCT GCCTTTTGTG GTCATCACAG CCGCATACGT 900  
 GAGGATCCTG CAGCGCATGA CGTCCTCAGT GGCCCCGCC TCCCAGCGCA GCATCCGGCT 960  
 GCGGACAAAG AGGGTGACCC GCACAGCCAT CGCCATCTGT CTGGTCTTCT TTGTGTGCTG 1020  
 GGCACCCTAC TATGTGCTAC AGCTGACCCA GTTGTCCATC AGCCGCCCGA CCCTCACCTT 1080  
 TGTCTACTTA TACAATGCGG CCATCAGCTT GGGCTATGCC AACAGCTGCC TCAACCCCTT 1140  
 TGTGTACATC GTGCTCTGTG AGACGTTCCG CAAACGCTTG GTCCTGTCGG TGAAGCCTGC 1200  
 AGCCCAGGGG CAGCTTCGCG CTGTCAGCAA CGCTCAGACG GCTGACGAGG AGAGGACAGA 1260  
 AAGCAAAGGC ACCTGAACTA GTT 1283

&lt;210&gt; 18

&lt;211&gt; 420

&lt;212&gt; RNA

&lt;213&gt; Human

&lt;400&gt; 18

CAAAAGCUGG AGCUCCACCG CGUGGGCGGC CGCUCUAGCC CACUAGUUCA GGUGCCUUUG 60  
 CUUUCUGUCC UCUCUUGUC AGCCGUCUGA GCGUUGCUGA CAGCGCGAAG CUGCCCCUGG 120  
 GCUGCAGGCU UCACCGACAG GACCAAGCGU UUGCGGAACG UCUCACAGAG CACGAUGUAC 180  
 ACAAAGGGGU UGAGGCAGCU GUUGGCAUAG CCAAGCUGA UGGCCGCAUU GUUAAGUAG 240  
 ACAAAGGUGA GGGUCGGGCG GCUGAUGGAC AACUGGGUCA GCUGUAGCAC AUAGUAGGGU 300

Sub  
 at  
 cont

GCCCAGCACA CAAAGAAGAC CAGACAGAUG GCGAUGGCUG UGCGGGUCAC CCUCUUUGUC 360

CGCAGCCGGA UGCUGCGCUG GGAGGCGGGG GCCACUGAGG ACGUCAUGCG CUGCAGGAUC 420

<210> 19

<211> 18

<212> PRT

<213> Rat

<223> The 6th cystein residue binds with the 15th cystein residue to form a intra-molecular disulfide-bond.

<400> 19

Phe Asp Met Leu Arg Cys Met Leu Gly Arg Val Tyr Arg Pro Cys Trp

1

5

10

15

Gln Val

18

<210> 20

<211> 17

<212> PRT

<213> Rat

<223> The 5th cystein residue binds with the 14th cystein residue to form a intra-molecular disulfide-bond.

<400> 20

Asp Met Leu Arg Cys Met Leu Gly Arg Val Tyr Arg Pro Cys Trp Gln

1

5

10

15

Val

17

<210> 21

<211> 16

<212> PRT

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ans*

14/15

&lt;213&gt; Rat

<223> The 4th cystein residue binds with the 13th cystein residue to form  
a intra-molecular disulfide-bond.

&lt;400&gt; 21

Met Leu Arg Cys Met Leu Gly Arg Val Tyr Arg Pro Cys Trp Gln Val

1

5

10

15 16

&lt;210&gt; 22

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Rat

<223> The 3rd cystein residue binds with the 12th cystein residue to form  
a intra-molecular disulfide-bond.

&lt;400&gt; 22

Leu Arg Cys Met Leu Gly Arg Val Tyr Arg Pro Cys Trp Gln Val

1

5

10

15

&lt;210&gt; 23

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Rat

<223> The 2nd cystein residue binds with the 11th cystein residue to form  
a intra-molecular disulfide-bond.

&lt;400&gt; 23

Arg Cys Met Leu Gly Arg Val Tyr Arg Pro Cys Trp Gln Val

1

5

10

&lt;210&gt; 24

&lt;211&gt; 13

&lt;212&gt; PRT

See  
at  
end

15/15

&lt;213&gt; Rat

<223> The 1st cystein residue binds with the 10th cystein residue to form  
a intra-molecular disulfide-bond.

&lt;400&gt; 24

Cys Met Leu Gly Arg Val Tyr Arg Pro Cys Trp Gln Val

1

5

10

See  
at  
cont